ERTIFICATE OF MAILING with the United States Postal Service as first class mail in an envelope addressed to: I hereby certify that this correspondent Commissioner for Patents, Washington, D. Typed or Printed Name Donna Macedo Date Signature ace old CLON037CON Attorney Docket Perry First Named Inventor INFORMATION 09/839,696 Application Number DISCLOSURE STATEMENT Confirmation No. 3391 April 19, 2001 Filing Date Address to: 1653 Commissioner for Patents Group Art Unit Washington, D.C. 20231 Unassigned **Examiner Name** Novel Method for Purification of Title Recombinant Proteins.

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-1449 listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

All of the references identified herein were disclosed in parent application Serial No. 08/912,406, filed August 18, 1997, which is now Patent No. 6,242,581 and, as such, copies thereof are not included pursuant to the provisions of 37 C.F.R. §1.98(d).

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815 may be charged therefor.

Respectfully submitted, BOZICEVIC, FIELD & FRANCIS LLP

Date: August 2, 2001

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APPLICANT

Perry et al.

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FILING DATE
April 19, 2001

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass		g Date ropriate
	AA	5,047,513	09/10/1991	Dobeli et al.				
			FOREIG	N PATENT DOCUMENTS				
	Document Number Date Country Class Subclass					Tran	Translation	
							Yes	No
	-		OTHER ART (Includin	g Author, Title, Date, Pertinent	t Pages, Etc.)			
· · · · · · · · · · · · · · · · · · ·		Crowe et al. (1995) "One-Step Purification of Recombinant Proteins with the 6xHis Tag and Ni-NTA Resin" Mol. Biotech., Vol. 4:247-58.						
		Ford, C.F. et al. (1991) "Fusion Tails for the Recovery and Purification of Recombinant Proteins" Protein Expression and Purification, Vol. 2:95-107						
		Hochuli, E. et al. (1987) "New Metal Chelate Adsorbent Selective for Proteins and Peptides Containing Neighboring Histidine Residues" Journal of Chromatography, Vol. 411:177-184.						
-		Lilius et al. (1991) "Metal Affinity Precipitation of Proteins Carrying Genetically Attached Polyhistidine Affinity Tails" Eur. J. Biochem., Vol. 198. pp. 499-504						
		Binding Proteins,	Preliminary Studies'	ethylated Aspartic Acid An Biotechnolgoy and App	lied Biochemis	stry, Vol. 13, p	op. 315-32	.2
		.Alpha. (2)-Macro	oglobulin and Hemor	racterization of Carboxy bexin" Biotechnolgy and	Applied Bioch	emistry, Vol.	13, pp. 37	1-379
	AH	Mantovaara, T. et al. (1989) "Purification of Human Serum Amyloid P Component (SAP) by Calcium Affinite Chromatography" Biotechnology and Applied Biochemistry, Vol. 11:564-570.						
	AI	Mantovaara, T. et al. (1991) "Carboxymethylated Aspartic Acid Agarose, a Selective Adsorbent for Calcium-Binding Proteins, Preliminary Studies" Biotechnology and Applied Biochemistry, Vol. 13:315-322						
	AJ	Cell Culture Med Biochemistry, Vo	ium by Immobilized l. 13:120-126.	ion of Factor VIII:c Coaş Metal Ion Affinity Chron	natography" B	iotechnology	and Applie	ed
	AK	Human .alpha.2-I	Macroglubulin and H	racterization of Carboxyr emopexin" Biotech. & A	pplied Biocher	n., Vol. 13:37	1-9.	rification
	AL	Porath et al. (198 Chromatogrpahy Biochemistry, Vo	3) "Immobilized Met of Bioamaterials. Se bl. 22. pp. 1621-1630	ttal Inon Affinity Adsopr	tion and Immol	oilizedmetal A ized Iron and	Affinity Nickel Ion	
	AM	Porath J. et al. (19	975) "Metal chelate a	iffinity chromatography,	a new approacl	to protein fra	actionation	ı" Natu

EXAMINER

Vol. 258:598-599

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(1	Use several sheets if pepessory)	APPLICANT Perry et al.					
	AUG 0 6 2001 2	FILING DATE April 19, 2001	GROUP 1653				
AN	Porath, J. (1992) Amobilized Mcal Ion Affinity Chr 3:263-281.	omatography" Protein Expr	ession and Purification, Vol.				
AO	Porath, J., B. Olin (1983) "Immobilized Metal Ion Affinity Adsoprtion and Immobilized Metal Ion Affinity Chromatography of Biomaterials. Serum Protein Affinities for Gel-Immobilized Iron and Nickel Ions" Biochemistry, Vol. 22:1621-1630.						
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.